KIRTISH BARMECHA

SOFTWARE DEVELOPER

GET IN CONTACT

Mobile: 9340898883

kirtishbarmecha@gmail.com
www.kirtish.me

24/4 Manak Chowk, Ratlam,
Madhya Pradesh, India

PERSONAL PROFILE

A software developer with hands–on experience in Python, Machine Learning, Frontend Development, API integration, and Flutter development.

AREAS OF EXPERTISE

- C++, Python and Javascript
- experience in mobile app development
- AWS amplify, cogintio, kinesis video streams and REST API experience

OTHER SKILLS

- know about the software development lifecycle like agile
- Can analyze, design and implement according to ergonomics
- know system design and architecture
- Excellent problem solver

COMPETITIONS

- National Innovation Challenge
  2020
- Smart India Hackathon
  2020 (Finalist)
- AICTE chhatra vishwakarma awards
  2019

CERTIFICATIONS

MACHINE LEARNING SPECIALIZATION
- CloudxLab and IIT roorkee

DEEP LEARNING
- CloudxLab and IIT roorkee

EDUCATIONAL INFO

ORIENTAL COLLEGE OF TECHNOLOGY, BHOPAL
- B.TECH. INFORMATION TECHNOLOGY 8.22 CGPA   2017 – 2021

SHRI GURU TEGH BAHADUR ACADEMY, RATLAM
- 12TH(CBSE) 70.8%   2016 – 2017

SHRI GURU TEGH BAHADUR ACADEMY, RATLAM
- 10TH(CBSE) 8.00 CGPA   2014 – 2015

WORK EXPERIENCE

MOBILE APPLICATION DEVELOPER INTERN

Vizzbee Robotics Pvt. Ltd. | January 2020 – May 2020
- Developed an Android application for drone flight.
- Developed real–time drone monitoring dashBoard.

WEB DEVELOPER INTERN

SmartUP Technosoft Llp. | January 2019 – March 2019
- Designed UI UX for company website
- Developed website
- Gained insights of API, web frameworks and Design Principles.

PROJECTS

- **AUTOMATED ATTENDANCE SYSTEM FOR MGNREGA WORKERS**
- used Deep Learning for facial recognition and Flask (Web framework) for the front end
- made on MVC architecture
- implemented 3 factor authentication with use of geofencing, facial recognition and mobile otp verification to mark attendance.

- **UNMANNED AERIAL TRAFFIC MANAGEMENT (UTM) FOR UAV**
- made android application to get metadata from the drone in realtime
- web dashboard shows real–time location of the multiple drones
- application has a feature to book airspace for the flying drones.
- geofencing for resticted area
- remote return to home from dashboard

- **FARM MONITORING SYSTEM**
- IoT based realtime monitoring and action system
- iot board is installed in the farm which has various sensors like fire, smoke gas , temperature an rain etc which sends realtime information to our mobile app
- Let say you found the rain density is too low, you can send a HTTP request from your server (or let it be automatic) to activate an watering machine, or turn on LED light when sun light is not sufficient.

- **SQUIRK MEDIA CO. WEBSITE**
- Developed UI/UX and website for squirk media co. (https://squirkmedia.com)
- **React TASK FROM MAILMODO**
- link – https://github.com/kirtish10/mailmodo

- **React JS WhatSAPP CLONE**
- link – https://whatsapp.kirtish.me